

**AMENDMENTS TO THE SPECIFICATION:**

Please replace the Abstract with the following replacement Abstract:

~~--A method for measuring distance~~ Distance and velocity measuring at a plurality of objects using FMCW radar includes repeating , ~~in which measurements are repeated~~ eyelically using ~~at least two~~ different frequency ramps and including mixing , ~~in each measurement, the transmitted and received signals~~ signal is mixed with the received signal, and recording the spectrum of the mixed signal's spectrum. A signal is recorded, in a matching procedure includes recording spectra [[, the]] peaks ~~that are in the spectra recorded~~ for ~~various ramps, if belonging and that belong~~ to the same object, allocating them are allocated to each other, and calculating the distances and velocities of the objects are ~~calculated~~ from [[the]] peak frequencies. A of the peaks, and in a tracking procedure includes identifying with one another [[, the]] objects measured at various times ~~are identified with one another based~~ on the basis of the distance and velocity consistency of their distance and velocity. Each data, wherein each measuring cycle includes less not more than four [[three]] measurements with different frequency ramps. For [[, for]] each plausible two peak combination of ~~two peaks, of which one was recorded, respectively, during~~ [[a]] first ~~measurement and the other was recorded during a second~~ measurements measurement of a the same cycle, [[the]] distance and [[the]] velocity of one possible object represented by these peaks are calculated. A measurement's anticipated result , ~~the anticipated result of at least one further measurement~~ is calculated from [[the]] distance and [[the]] velocity of the possible object, and ~~the possible object is discarded if an~~ at least one anticipated result does not agree with the measured result.--.